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### **Refereed Journal Publications**

White C.D., E. Masanet, C. Rosen, and S. Beckman (2003). "Product Recovery With Some Byte: An Overview of Management Challenges and Environmental Consequences in Reverse Manufacturing for the Computer Industry," *Journal of Cleaner Production*, 11(4): 445-458.

### **Refereed Conference Publications**

Masanet, E., L. Price, S. de la Rue du Can, and E. Worrell (2005). "Reducing California's Greenhouse Gas Emissions through Product Life-Cycle Optimization," *Proceedings of the 2005 ACEEE Summer Study on Energy Efficiency in Industry*, West Point, New York, ACEEE.

Friedmann, R., F. Coito, E. Worrell, L. Price, E. Masanet, and M. Rufo (2005). "California Industrial Energy Efficiency Potential," *Proceedings of the 2005 ACEEE Summer Study on Energy Efficiency in Industry*, West Point, New York, ACEEE.

Kitou, E., A. Horvath, and E. Masanet (2002). "Putting in Perspective the Contribution of Transportation to the Environmental Effects of Telework," *81st Transportation Research Board Conference*, Washington, D.C.

### **Conference Publications (Abstract Reviewed, Full Paper Published)**

Masanet, E., and A. Horvath (2006), "Enterprise Strategies for Reducing the Environmental Impacts of Personal Computers." Forthcoming. *Proceedings of the 2006 IEEE International Symposium on Electronics & Environment*, San Francisco, California, IEEE.

Lung, R.B., E. Masanet, and A. McKane (2006). "The Role of Emerging Technologies in Improving Energy Efficiency: Examples from the Food Processing Industry." Forthcoming. *Proceedings of the Industrial Energy Technologies Conference*, New Orleans, Louisiana.

Masanet, E. and A. Horvath (2004). "A Decision-Support Tool for the Take-Back of Plastics from End-of-Life Electronics" *Proceedings of the 2004 IEEE International Symposium on Electronics & Environment*, Scottsdale, Arizona, IEEE.

Masanet, E., M. Newton, and R. Auer (2003). "Practical Aspects of the Materials Declaration Process," *Proceedings of the 2003 IEEE International Symposium on Electronics & Environment*, Boston, Massachusetts, IEEE.

Masanet, E., R. Auer, D. Tsuda, T. Barillot, and A. Baynes (2002). "An Assessment and Prioritization of 'Design for Recycling' Guidelines for Plastic Components," *Proceedings of the 2002 IEEE International Symposium on Electronics & Environment*, San Francisco, California, IEEE.

Masanet, E. (2002). "Assessing Public Exposure to Silver-Contaminated Groundwater from Lead-Free Solder: An Upper Bound, Risk-Based Approach," *Proceedings of the 2002 IEEE International Symposium on Electronics & Environment*, San Francisco, California, IEEE.

Kitou E., E. Masanet, and A. Horvath (2001). "Web-Based Tool for Estimating the Environmental Impacts of Telecommuting," *Proceedings of the 2001 IEEE International Symposium on Electronics & Environment*, Denver, Colorado, IEEE.

### **Conference Publications (Abstract Reviewed and Published)**

Masanet, E. and A. Horvath (2004). "Identifying Environmentally and Economically Sound Take-Back Strategies for Plastics from End-of-Life Electronics," *SETAC Europe 14th Annual Meeting*, Prague, Czech Republic, SETAC.

Masanet, E. and A. Horvath (2003). "A Systems-Based, Economic and Environmental Design for Recycling Advisor for Engineering Thermoplastics in Electronic Equipment," *2003 International Society for Industrial Ecology Conference*, Ann Arbor, Michigan, ISIE.

Kitou, E., A. Horvath, and E. Masanet (2001). "Environmental Implications of Telework," *2001 International Society for Industrial Ecology Conference*, Leiden, The Netherlands, ISIE.

### **Technical Reports**

Masanet, E., L. Price, S. de la Rue du Can, R. Brown, and E. Worrell (2005). *Optimization of Product Life Cycles to Reduce Greenhouse Gas Emissions in California*. California Energy Commission, PIER Energy-Related Environmental Research. CEC-500-2005-110-F.

Worrell, E., C. Galitsky, and E. Masanet (2005). *Energy Efficiency Improvement and Cost Saving Opportunities for the Glass Industry: An ENERGY STAR® Guide for Energy and Plant Managers*. Lawrence Berkeley National Laboratory, Berkeley, California. LBNL-57335 (Draft).

Galitsky, C., C. Sheng-chieh, E. Worrell, and E. Masanet (2005). *Energy Efficiency Improvement and Cost Saving Opportunities for the Pharmaceutical Industry: An ENERGY STAR® Guide for Energy and Plant Managers*. Lawrence Berkeley National Laboratory, Berkeley, California. LBNL-57260.

Murtishaw, S., L. Price, S. de la Rue du Can, E. Masanet, E. Worrell, and J. Sathaye (2005). *Development of Energy Balances for the State of California*. California Energy Commission, PIER Energy-Related Environmental Research. CEC-500-2005-068.

### **Theses**

Masanet, E. (2004). “Environmental and Economic Take-Back Planning for Plastics from End-of-Life Computers,” Ph.D. Thesis, Department of Mechanical Engineering, University of California, Berkeley.

Masanet, E. (1996). “Experimental and Theoretical Support for the Hydrodynamic Effect in Low-Speed Sheet Metal Forming Operations,” M.S. Thesis, Department of Mechanical Engineering, Northwestern University, Evanston, IL.